

31st Climate Diagnostics and Prediction Workshop
Earth System Research Laboratory (ESRL)
Boulder, October 23-27, 2006
Program Agenda

Monday, October 23, 2006

8:00 am - 8:30 am	Registration	
8:30 am - 8:40 am	Opening Remarks	<i>Jim Laver; NCEP/CPC</i>
8:40 am - 8:50 am	Opening Remarks	<i>Robin Webb; NOAA/ESRL</i>
8:50am - 9:00 am	Expectations for this Workshop	
Session 1: An Assessment of Observed Climate for 2005/2006		
Chairperson: Tony Barnston		
9:00 am – 9:30 am	A Review of Monthly/Seasonal Climate Variability for 2005-2006	<i>Vern Kousky; NCEP/CPC</i>
9:30 am – 10:00 am	A Review 2005-2006 Extreme Events	<i>Klaus Weickmann; NOAA/ESRL</i>
10:00 am -10:30 am	Coffee	
Session 2: An Assessment of Climate Predictions for 2005/2006		
Chairperson: Klaus Weickmann		
10:30 am -10:50 am	A Review of 2005 & 2006 Hurricane Season and Forecasts	<i>Muthuvel Chelliah; NCEP/CPC</i>
10:50 am -11:10 am	A Review of 2005/2006 US drought monitor and outlook	<i>Doug LeComte; NCEP/CPC</i>
11:10 am -11:30 am	A Review of 2005/2006 ENSO Predictions	<i>Tony Barnston; IRI</i>
11:30 am -11:50 am	A Review of forecast skill of 2005/2006 US Long-Range Predictions	<i>Ed O’Lenic; NCEP/CPC</i>
11:50 am 121:10 pm	A Review of Met Office Forecasts for 2005/2006 over Europe and UK	<i>R. Graham; Hadley Centre, UKMET</i>
12:10 pm -12:30 pm	A Review of Bureau of Meteorology Forecasts for Australia	<i>A. Watkins; National Climate Centre, BoM</i>
12:30pm -1:30 pm	Lunch	
Session 3 (CTB Session 1): Improvements in the CFS		
Chairperson: Jae Schemm; NOAA/CPC		
1:30 pm -2:00 pm	Recent Developments with the new the CFS	<i>Suru Saha; NCEP/CPC</i>
2:00 pm -2:30 pm	The Global Ocean Data Assimilation System (GODAS) at NCEP	<i>Dave Behringer; NCEP/EMC</i>
2:30 pm -3:00 pm	Initialization of NOAA LSM and its Coupling to CFS	<i>Ken Mitchell; NCEP/EMC</i>

3:00 pm - 3:30 pm	Coffee	
3:30 pm - 4:00 pm	NCEP CFS ENSO Characteristics and Impact of Atmospheric Stochastic Forcing on ENSO	Xue; NCEP/CPC
4:00 pm - 4:30 pm	NCEP CFS Model Bias Associated with Marine Stratus Clouds over Southeastern Pacific	Xie; NCEP/CPC
4:30pm - 5:00 pm	Diurnal Cycle over the Great Plains in CFS	Siegfried Schubert; NASA/GMAO
Tuesday, October 24, 2006		
Session 4 (CTB Session 2): Improvements in the Official Climate Outlooks		
Chairperson: Ed O'Lenic; NOAA/CPC		
8:30 am - 8:55 am	Consolidation of multi method Seasonal Forecasts at CPC	Huug van den Dool; NOAA/CPC
8:55 am - 9:20 am	Objective Verification of CPC Forecasts	Mike Halpert ; NOAA/CPC
9:20 am - 10:50 am	Coffee & Poster Session 1: NOAA Climate Testbed	
10:50 am - 11:15 am	Estimation and Extrapolation of Climatic Trends for Evaluation and Prediction of Climatic Anomalies	Robert Livezey; NWS/CSD
11:15 am - 11:40 am	A Strategy Using Long-range Forecast Products as Input to NOAA's Hydrologic Ensemble Forecast System	John Schaake; NWS/OD
11:40 am - 12:05 pm	Firedanger Applications of NCEP's Downscaled CFS Forecasts	John Roads; SIO
12:05 pm - 12:30 pm	Development of a tool for Downscaling of Operational Climate Forecasts to Regional and Local Fire Indices	N. Molders; U. Alaska
12:30 pm - 1:30 pm	Lunch	
Session 5 (CTB Session 3): Application of Climate Forecast Products and User Requirements		
Chairperson:		
1:30 pm - 1:55 pm	Setting Priorities for Development of New and Improved Climate Products	J. J. O'Brien; FSU
1:55 pm -2:20 pm	Developing Improved Climate Products for Effective Climate Risk Management	C. Roplewski; IRI
2:20 pm -2:45 pm	How to best package climate products for users	Holly Hartmann; U. Arizona
2:45 pm - 3:15 pm	Coffee	
3:15 pm - 3:40 pm	Making Climate Products Digestable	Kelly Redmond; DRI
3:40pm - 4:05 pm	Assessing the Value of Seasonal Forecasts for the Panama Canal	Nicholas Graham; SIO
4:05 pm - 4:30 pm	Climate Services: The Pacific Climate Information System (PaCIS) Approach	Eileen Shea; U. Hawaii
4:30 pm - 5:30 pm	Panel Discussion	
Wednesday, October 25, 2006		
Session 6: Detection and Attribution of Climate Variability and Trends		
Chairperson: Robin Webb; NOAA/ESRL		
8:30 am - 9:00 am	Charge to the Attribution Session	Marty Hoerling; NOAA/ESRL
9:00 am - 9:40 am	Explaining Changes in Extreme US Climate Events	Gerry Meehl; NCAR

9:40 am - 10:30 am	Explaining US Precipitation and Temperature Trends	Ben Santer; PCMDI
10:20 am - 10:50 am	Coffee	
10:50 am -11:30 am	Explaining the Origins of North American Drought	Richard Seager; LDEO
11:30 am -12:10 pm	Explaining Recent Increases in Atlantic Hurricane Activity	Kevin Trenberth; NCAR
12:10 pm - 1:30 pm	Lunch	
1:30 pm - 3:30 pm	Coffee + Poster Session 2: Detection and Attribution	
3:30 pm - 5:30 pm	Panel Discussion; Panelists: Meehl; Santer; Seager; Trenberth; Hoerling; Schubert; Ingram; Graffin	
7:00 pm - 8:30 pm	Banquet; Banquet Speaker: Chet Koblinsky; Director; NOAA Climate Program Office	
Thursday, October 26, 2006		
Session 7: Prediction and Predictability of Climate Variability		
Chairperson: Randy Dole; NOAA/ESRL		
8:30 am - 9:00 am	Charge to the Prediction Session	TBD
9:00 am - 9:40 am	Predictability and Predictions of Week-2 to Monthly	Tom Hamill; NOAA/ESRL
9:40 am - 10:30 am	Predictability and Predictions of Seasonal Means	Lisa Goddard; IRI
10:20 am - 10:50 am	Coffee	
10:50 am -11:30 am	Predictability and Predictions of decadal trends	Tom Delworth; GFDL
11:30 am -12:10 pm	Predictability and Predictions of ENSO	Ben Kirtman; COLA
12:10 pm - 1:30 pm	Lunch	
1:30 pm - 3:30 pm	Coffee & Poster Session 3: Predictability and Predictions	
3:30 pm - 5:30 pm	Panel Discussion: Panelists: Hamill, Goddard, Delworth, Kirtman, Kumar, Penland; Udall; Hartmann	
Friday, October 27, 2006		
8:30 am -9:00 am	Summary and Recommendation from Panel on Attribution	
9:00 am - 10:00 am	Discussion	
10:00 am - 10:30 am	Coffee	
10:30 am - 11:00 am	Summary and Recommendation from Panel on Prediction	
11:00 am - 12:00	Discussion	
12:00 -12:30 pm	Expectations for the Next Climate Diagnostics and Prediction Workshop	